



# Risk Based Cost Estimating

Colorado DOT Peer Exchange

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## Agenda

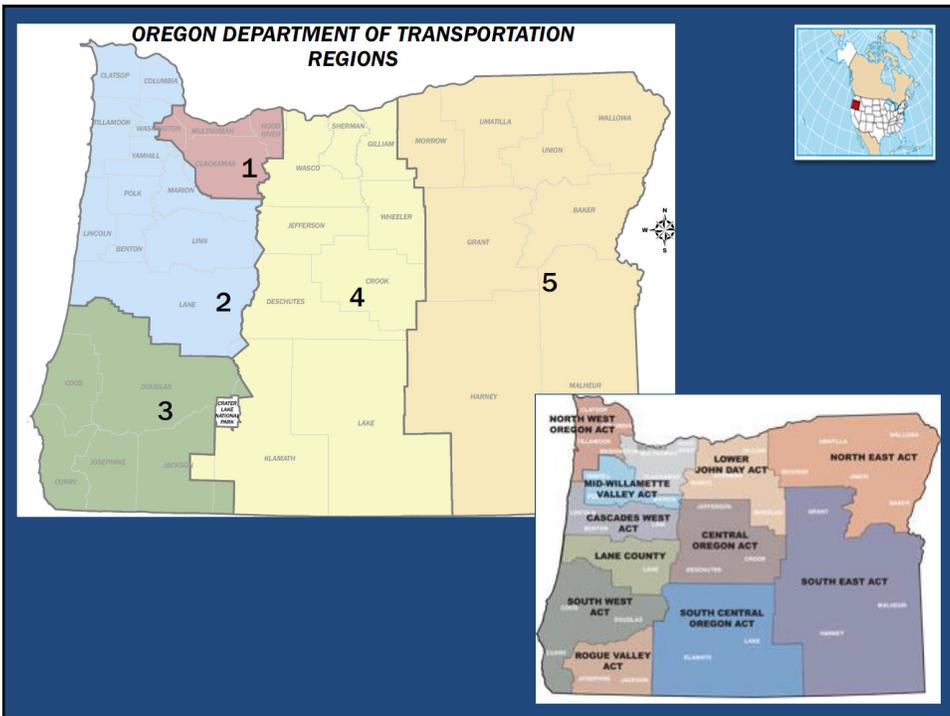
- Oregon Overview
- Risk and SHRP2 Efforts
- Implementing Approach
- Things to think about

# Oregon Overview

1  
State

5  
Decentralized  
Regions

30%  
Projects are  
Outsourced



## Development Considerations



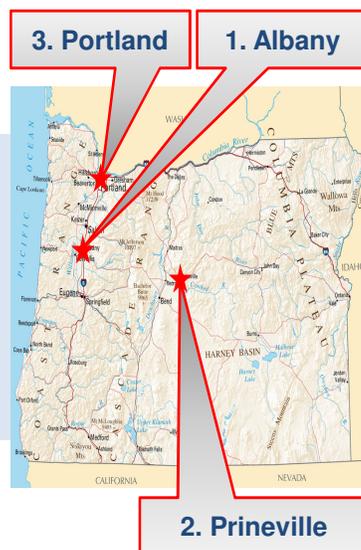
What bites you most often?

What are you doing to address it?

## SHRP2 - Demonstrations Overview

Three demonstration pilots have been held in different areas of the State on different projects:

1. I-5: S. Jefferson-Murder Creek Section
2. Ochoco Creek Bridge (Paulina Highway)
3. US 26: NW 18th St. – Cornelius Pass Rd.



## Demonstration 1: I-5: S. Jefferson-Murder Creek Section

### 1. Albany



## Demonstration 2: Ochoco Creek Bridge

### 2. Prineville

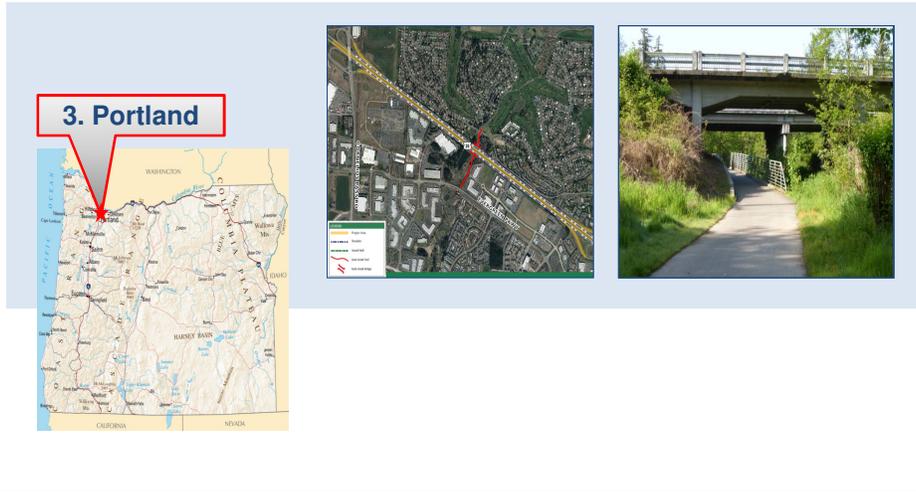


City leaders and stakeholders participated

Risk Scoping at -10 °F

Road and bridge were closed for utility work

### Demonstration 3: US 26: NW 18th St. – Cornelius Pass Rd.



### Outcomes from Demonstrations

Improvement over state of practice	<b>Discussions were valuable</b>
<b>Logical Tool</b>	Power in engaging stakeholders with trade-offs
Opportunities identified	<b>Community solutions &amp; ideas fostered</b>
<b>Easy to incorporate</b>	

## Implementing Approach

Projects vary – so we need to as well

Capitalize on streamlining

**Create a Tiered Approach**

**Engage Leadership Early**

Recognize and document

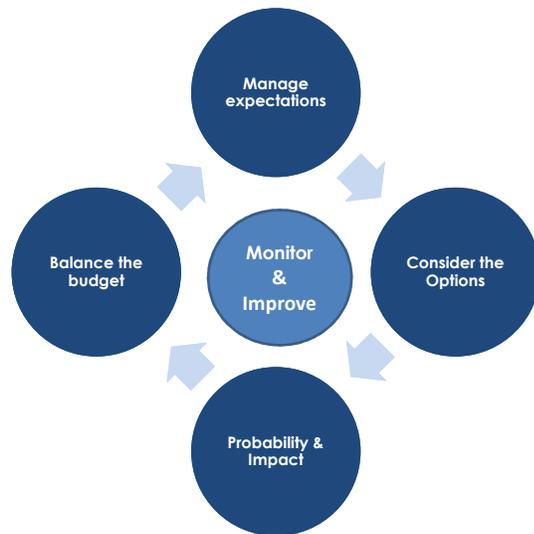
## Implementing Approach

Leverage ODOT's Scope and Select framework

1. Business Case
2. Project Charter
3. Project Management Plan



## Challenges



## Best Practice - Engagement

People want to contribute — listen to them



Listen to all participants, regardless of authority on a specific project or project element



Oregon DOT Risk Management SHRP2 R09 – Lead Adopter  
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**THANK YOU.**